International application No. PCT/KR2004/001497

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 H04O 7/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 G06F, H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 14-334210 A (SONY) Nov 22 2002 the whole document	1 - 5
Α	JP 14-366858 A (SUMITOMOMITSUI) Dec 20 2002 the whole document	1 - 5
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. 1	Further	documents	are listed	in the	continuation	of Box	C
, ,	r armici	documents	ai C Haleu	m uic	Communication	OI DOY	∙.

X See patent family annex.

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- "&" document member of the same patent family

Date of the actual completion of the international search

15 SEPTEMBER 2004 (15.09.2004)

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No. PCT/KR2004/001497

Patent doc cited in sea		Patent fan member(s	•	1
JP 14-33	4210 A Nov 22 2	2002 None		
JP 14-36	66858 A Dec 20 2	2002 None		